Title (en)
TERMINAL POSITIONING METHOD AND APPARATUS, AND STORAGE MEDIUM

Title (de)
VERFAHREN UND VORRICHTUNG ZUR POSITIONIERUNG EINES ENDGERÄTS UND SPEICHERMEDIUM

Title (fr)
PROCÉDÉ ET APPAREIL DE POSITIONNEMENT DE TERMINAL, ET SUPPORT DE STOCKAGE

Publication
EP 3793277 A4 20211103 (EN)

Application
EP 19907517 A 20190821

Priority
- CN 201910008845 A 20190104
- CN 2019101756 W 20190821

Abstract (en)
[origin: EP3793277A1] Provided are a terminal positioning method and apparatus, and a storage medium. The method includes: determining that there is no Line Of Sight (LOS) between a first communication node and a terminal, wherein there is a reflecting object between the first communication node and the terminal; determining first position information of the reflecting object according to a first beam of the first communication node, wherein the first beam is a beam, detected by the terminal to have a strongest signal, among a plurality of beams of the first communication node; and determining a position of the terminal according to the first position information.

IPC 8 full level
H04W 64/00 (2009.01)

CPC (source: CN EP US)
G01S 5/0236 (2013.01 - EP); **G01S 5/0273** (2013.01 - EP); **G01S 5/0284** (2013.01 - US); **G01S 5/10** (2013.01 - CN US); **G01S 13/003** (2013.01 - EP); **H04B 7/0617** (2013.01 - EP); **H04B 17/318** (2015.01 - US); **H04W 16/28** (2013.01 - US); **H04W 24/10** (2013.01 - US); **H04W 64/006** (2013.01 - CN EP US)

Citation (search report)
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- [A] WO 2015179704 A2 20151126 - MILLER ISAAC THOMAS [US], et al
- [A] HUAWEI ET AL: "Potential techniques for NR positioning", vol. RAN WG1, no. Spokane, USA; 20181112 - 20181116, 11 November 2018 (2018-11-11), XP051554108, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings%5F3GPP%5FSYNC/RAN1/Docs/R1%2D1812236%2Ezip> [retrieved on 20181111]
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US2022252709A1; US11635505B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3793277 A1 20210317; **EP 3793277 A4 20211103**; **EP 3793277 B1 20221012**; CN 111417188 A 20200714; CN 111417188 B 20230221; HU E060936 T2 20230428; US 11435432 B2 20220906; US 2021270932 A1 20210902; WO 2020140443 A1 20200709

DOCDB simple family (application)
EP 19907517 A 20190821; CN 201910008845 A 20190104; CN 2019101756 W 20190821; HU E19907517 A 20190821; US 201917254983 A 20190821